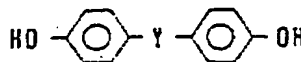


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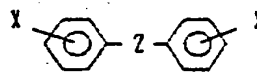


APPLICANT : DAICEL CHEM IND LTD;

INVENTOR : KAWAGUCHI NAOTAKA;

INT.CL. : C08G 65/40

TITLE : PRODUCTION OF AROMATIC
POLYETHER



ABSTRACT : **PURPOSE:** To obtain the title polyether having a narrow molecular weight distribution, simple and economical, by reacting a bifunctional phenol with a dihalogenobenzenoid compound using an inert organic high polar amide solvent as a reaction solvent.

CONSTITUTION: (A) A bifunctional phenol [preferably hydroquinone and/or one expressed by formula I (Y is -O-, -S-, -SO₂-, etc.)] is reacted with (B) a dihalogenobenzenoid compound [preferably expressed by formula II (X is halogen atom; Z is -SO₂- or -C-)] of substantially equal molar amount with said bifunctional phenol in the presence of an alkali metal carbonate in an amount of substantially presenting one of more alkali atom to one phenol group, an inert organic high polar amide is used as a reaction solvent and a water arisen by the reaction is distilled off in the absence of azeotropic solvent to afford the aimed polyether.

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